



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## State Water Resources Control Board

Division of Drinking Water

May 23, 2016

System No. 0310011

Mr. Jeff Brown, Board President  
First Mace Meadows #1  
P.O. Box 365  
Pine Grove, CA 95665

### TRANSMITTAL OF COMPLIANCE ORDER NO. 01-10-16R-003

Dear Mr. Brown,

The First Mace Meadows #1 Water System (hereinafter "FMM1") is in violation of Section 64533(a) of the California Code of Regulations, Stage 2 Disinfection Byproduct Rule Haloacetic Acids (hereinafter "HAA5") Maximum Contaminant Level (hereinafter "MCL"). Specifically, the HAA5 locational running annual average at one of the two sampling locations exceeded the HAA5 MCL of 0.060 mg/L in the second quarter of 2016.

In response to this violation, the State Water Resources Control Board, Division of Drinking Water (hereinafter "Division") has issued Compliance Order No. 01-10-16R-003. The Compliance Order is being transmitted to FMM1 under cover of this letter.

Please respond to the directives of this Compliance Order by the deadlines established with each item. If you have any questions regarding this Compliance Order, please contact Brian Kidwell of this office by email at [brian.kidwell@waterboards.ca.gov](mailto:brian.kidwell@waterboards.ca.gov) or by phone at (209) 948-3963.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard L. Hinrichs".

Richard L. Hinrichs, P.E., Chief  
Northern California Section  
Division of Drinking Water  
State Water Resources Control Board

Attachments: Compliance Order

Certified Mail/Return Receipt  
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FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

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**STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF DRINKING WATER**

**IN RE:** First Mace Meadows #1  
Water System No. 0310011

**TO:** Jeff Brown, Board President  
First Mace Meadows #1  
P.O. Box 365  
Pine Grove, CA 95665

**COMPLIANCE ORDER NO. 01-10-16R-003**

**FOR NONCOMPLIANCE WITH THE  
STAGE 2 DISINFECTION BYPRODUCT RULE  
MAXIMUM CONTAMINANT LEVEL FOR  
HALOACETIC ACIDS  
SECTION 64533(a), TITLE 22, CALIFORNIA CODE OF REGULATIONS**

**Issued on May 23, 2016**

Section 116655 of the California Health and Safety Code authorizes the issuance of a compliance order to a public water system for violation of the California Safe Drinking Water Act (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270) (hereinafter "California SDWA"), or any regulation, standard, permit or order issued or adopted thereunder.

The State Water Resources Control Board (hereinafter "State Board"), acting by and through its Division of Drinking Water (hereinafter, "Division") and the Deputy Director for the Division (hereinafter, "Deputy Director"), hereby issues a compliance order to the First Mace Meadows #1 Water System (hereinafter, "FMM1") for violation of

California Code of Regulations (hereinafter "CCR"), Section 64533(a), Maximum Contaminant Levels for Disinfection Byproducts.

**APPLICABLE AUTHORITIES**

**Section 116655, California SDWA, states in relevant part:**

(a) Whenever the Division determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:

(1) Directing compliance forthwith.

(2) Directing compliance in accordance with a time schedule set by the department.

(3) Directing that appropriate preventive action be taken in the case of a threatened violation.

(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:

(1) That the existing plant, works, or system be repaired, altered, or added to.

(2) That purification or treatment works be installed.

(3) That the source of the water supply be changed.

(4) That no additional service connection be made to the system.

(5) That the water supply, the plant, or the system be monitored.

(6) That a report on the condition and operation of the plant, works, system, or water supply be submitted to the department.



**Section 64533(a), Title 22, CCR, states in relevant part:**

(a) Using the monitoring and calculation methods specified in sections 64534, 64534.2, 64535, and 64535.2, the primary MCLs for the disinfection byproducts shown in table 64533-A shall not be exceeded in drinking water supplied to the public.

**Table 64533-A  
Maximum Contaminant Levels and Detection Limits for Purposes of Reporting  
Disinfection Byproducts**

Disinfection Byproduct	Maximum Contaminant Level (mg/L)	Detection Limit for Purposes of Reporting (mg/L)
Total trihalomethanes (TTHM)	0.080	
Bromodichloromethane		0.0010
Bromoform		0.0010
Chloroform		0.0010
Dibromochloromethane		0.0010
Haloacetic acids (five) (HAA5)	0.060	
Monochloroacetic Acid		0.0020
Dichloroacetic Acid		0.0010
Trichloroacetic Acid		0.0010
Monobromoacetic Acid		0.0010
Dibromoacetic Acid		0.0010
Bromate	0.010	0.0050
Chlorite	1.0	0.020

*Additional Applicable Authorities* are located in Attachment A, which is attached hereto and incorporated by reference.

**STATEMENT OF FACTS**

FMM1 serves domestic water to the residents of the First Mace Meadows development near Pine Grove. The system serves domestic water to a total population of approximately 838 people via 337 service connections. FMM1 is

1 operating under domestic water supply permit No. 79-042, issued by the Division on  
2 May 4, 1979.

3  
4 FMM1's sole source of supply is purchased treated surface water that is obtained from  
5 the Amador Water Agency (hereinafter "AWA"). The treated water is stored in four  
6 separate water storage tanks located throughout FMM1. The distribution system is  
7 maintained as a single pressure zone. There is one booster pump station that  
8 supplies water to twelve homes that would have inadequate pressure without the  
9 booster pump station. Due to the elevation change throughout FMM1, there are three  
10 pressure reducing valves located in the water system.

11  
12 FMM1 is interconnected with the Central Amador Water Project (hereinafter "CAWP"),  
13 which is run by the AWA. The CAWP water treatment plant/system is owned by AWA  
14 and is a large wholesale water system, which supplies treated water to eleven water  
15 systems along Highway 88 in central Amador County. The Consolidated CAWP  
16 plant's treated water is delivered to the other retail water systems via the CAWP  
17 transmission pipeline, which consists of about 11 miles of pipeline along State  
18 Highway 88 from Sunset Heights, approximately one mile west of Pine Grove to  
19 Ridgeway Pine, approximately six miles northeast of Pioneer. AWA operates and  
20 maintains all of the associated pumping, treatment, storage, and transmission  
21 facilities. The combined population receiving treated water from the CAWP is  
22 estimated at approximately 11,863 (based on 2014 Annual Reports to the Division).

23  
24 The primary source for the CAWP Water Treatment Plant is the North Fork of the  
25 Mokelumne River. The AWA diverts water from the North Fork of the Mokelumne  
26 River at Pacific Gas and Electric's (PG&E's) Tiger Creek hydroelectric afterbay facility



1 under a State Water Resources Control Board Permit for Diversion and Use of Water  
2 (Permit No. 17579).

3  
4 The Buckhorn treatment plant, which is the treatment plant that supplies the CAWP, is  
5 classified as a membrane filtration plant. The treatment facility was constructed on a  
6 2.16-acre parcel, which is adjacent to the site of the old pressure filter plant at 26810  
7 Highway 88 in Pioneer. The facility incorporates PALL microfiltration membrane  
8 technology, providing a greater level filtration efficiency and improved ability to fully  
9 comply with current drinking water regulations. The PALL membranes specifically are  
10 accepted as an alternative SWTR filtration technology (California Code of Regulations,  
11 Title 22, Division 4, Environmental Health Chapter 17, Article 2, Section 64653 (i)).

12  
13 Raw water is provided to the plant via two pumping station facilities, Tiger Creek  
14 (lower station) and the Silver Lake Pines (intermediate). The capacity of the plant is 2  
15 MGD, which is produced by two skids of membranes, 1 MGD capacity each. This  
16 design provides redundant filtration capacity of 1 MGD available from a third skid, in  
17 compliance with regulations that require redundant capacity. The membrane filtration  
18 equipment is housed within a masonry building, which includes office, laboratory,  
19 lavatory, and maintenance rooms.

20  
21 After filtration, the filter water receives sodium hypochlorite disinfection.

22  
23 The finished water is pumped into two new 261,000-gallon treated water storage  
24 tanks, for the purpose of providing chlorine contact time, plus additional treated water  
25 storage volume.

Two high service pumps, each rated at 1,800 gpm, are used to deliver treated water to the distribution system. Details of the treatment processes can be found in the AWA Buckhorn (0310012) water system files, or the permit engineering report for the treatment plant.

CCR, Title 22, Chapter 15.5 (hereinafter "Stage 2 Disinfection Byproduct Rule" or "ST2DBPR") adopted by California, effective June 21, 2012, requires water systems serving less than 10,000 persons to monitor and report disinfection byproduct and residual disinfectant levels. The ST2DBPR applies to any community or non-transient non-community water system that treats water with a chemical disinfectant in any part of the treatment process, or that provides water containing a chemical disinfectant. CCR Section 64533 establishes a maximum contaminant level (hereinafter "MCL") in drinking water for total trihalomethanes (hereinafter "TTHM") and haloacetic acids (five) (hereinafter "HAA5") in drinking water of 0.080 mg/L and 0.060 mg/L, respectively.

Based on population, and as per the FMM1's approved ST2DBPR compliance monitoring plan, FMM1 is required to collect two samples from the distribution system (17950 Acorn Court and 26310 Parkwood Drive) per quarter. According to the monitoring plan the samples are taken in the third week of January, April, July, and October.

CCR, Section 64535.2(e)(1), specifies ongoing compliance determinations for quarterly TTHM and HAA5 monitoring; specifically, compliance with the TTHM and HAA5 MCLs are based on a locational running annual average (LRAA), computed quarterly, at each approved sample site. Per §64400.66 "Locational running annual average" or "LRAA" means the average of sample analytical results for samples taken



at a particular monitoring location during the previous four calendar quarters. If the LRAA covering any consecutive four-quarter period exceeds the TTHM MCL or the HAA5 MCL at any monitoring location, then the system is in violation of the MCL.

The LRAA of the analytical results submitted to the Division for the 2<sup>nd</sup> quarter of 2016 have exceeded the HAA5 MCL at one monitoring location, 17950 Acorn Court. The HAA5 MCL at the second location, 26310 Parkwood Drive, was not exceeded. HAA5 MCL compliance, as monitored pursuant to section 64534.2(d), shall be determined as follows: For systems monitoring quarterly, the LRAA computed quarterly, shall not exceed the MCLs specified in Section 64533 (a) at all of the monitoring locations. FMM1 is in violation of the HAA5 MCL for the 2<sup>nd</sup> quarter of 2016. The following is a summary of HAA5 monitoring results for the last four quarters at the monitoring location that exceeded the HAA5 MCL.

Sample Location	Sample Date				LRAA (HAA5)
	07/14/2015	10/19/2015	01/19/2016	04/18/2016	
17950 Acorn Court	0.046 mg/L	0.071 mg/L	0.042 mg/L	0.118 mg/L	0.069 mg/L

The HAA5 monitoring results listed in the above table clearly indicate that the compliance monitoring conducted at 17950 Acorn Court location in the last four quarters yielded LRAA levels of 0.069 mg/L. Since the LRAA exceeds the 0.060 mg/L HAA5 MCL, FMM1 is in violation of the MCL for HAA5.

Specifically, FMM1 exceeded the HAA5 MCL as specified in Section 64533 (a), Title 22, CCR.



**DETERMINATIONS**

Based on the above Statement of Facts, the Division has determined that FMM1 has violated the LRAA MCL for HAA5 during the second quarter of 2016.

**DIRECTIVES**

To ensure that the water supplied by the FMM1 water system is at all times safe, wholesome, healthful, and potable, and pursuant to the California SDWA, FMM1 is hereby directed to take the following actions:

1. Cease and Desist from failing to comply with CCR, Title 22, Section 64533(a), by ensuring that the system is provided with a reliable and adequate supply of pure, wholesome, healthful, and potable water, which is in compliance with all primary drinking water standards.
2. Provide quarterly public notification, which has been approved by the Division, of its inability to meet the HAA5 MCL during any calendar quarter that the four-quarter locational running annual average exceeds the HAA5 MCL. Notification procedures and format are provided in Attachment B. An electronic version of Attachment B is available upon request. Public notification for the current LRAA HAA5 MCL violation for the 2<sup>nd</sup> quarter of 2016 shall be provided by June 15, 2016.



3. Proof of public notification shall be provided to the Division following each quarterly notification by the 10<sup>th</sup> day of the month following notification, using the form provided as Attachment C.
4. Continue to collect quarterly samples for TTHM's and HAA5's from the distribution system in accordance with an approved ST2DBPR monitoring plan. The analytical results shall be reported to the Division electronically by the analyzing laboratory no later than the 10<sup>th</sup> day following the month in which the analysis was completed.
5. Prepare a Corrective Action Plan identifying improvements to the water system designed to correct the water quality problem (violation of the HAA5 MCL) and eliminate the need to deliver water to consumers that does not meet primary drinking water standards. The plan shall include a time schedule for completion of various phases of the project.
6. Submit the Corrective Action Plan required under Directive No. 5, above, to the Division by July 29, 2016.
7. Submit quarterly progress reports to the Division. The first quarterly progress report shall describe progress made in the 3<sup>rd</sup> quarter of 2016 and shall be submitted to the Division by October 15, 2016, using the form provided as Attachment D.
8. Operate the existing water system to minimize formation of total trihalomethanes and haloacetic acids in the distribution system.



9. Submit a written response by June 15, 2016, indicating FMM1's willingness to comply with the directives of this Compliance Order.

10. By no later than July 1, 2019, FMM1 shall achieve compliance with the HAA5 maximum contaminant level, with the completion of a project and demonstration that the locational running annual average is reliably less than the MCL. FMM1 shall provide written notification of the date that compliance is achieved, no later than ten days following receipt of the laboratory sampling results.

All submittals required by this Order shall be addressed to:

Bhupinder S. Sahota, P.E.,  
Senior Sanitary Engineer  
State Water Resources Control Board  
Division of Drinking Water - Stockton District  
31 E. Channel Street, Room 270  
Stockton, CA 95202

The Division reserves the right to make such modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Order and shall be effective upon issuance. Nothing in this Compliance Order relieves FMM1 of its obligation to meet the requirements of the California SDWA, or any regulation, standard, permit or order issued thereunder.

If FMM1 is unable to perform the tasks specified in this Order for any reason, whether within or beyond its control, and if FMM1 notifies the Division in writing no less than five days in advance of the due date, the Division may extend the time for performance if FMM1 demonstrates that it has used its best efforts to comply with the schedule and other requirements of this Order.



1 **PARTIES BOUND**

2  
3 This Compliance Order shall apply to and be binding upon FMM1, its owners,  
4 shareholders, officers, directors, agents, employees, contractors, successors, and  
5 assignees.

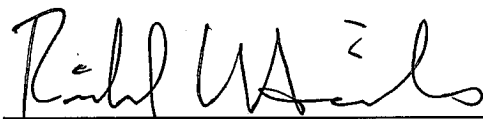
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7 **SEVERABILITY**

8  
9 The directives of this Compliance Order are severable, and FMM1 shall comply with  
10 each and every provision thereof notwithstanding the effectiveness of any provision.

11  
12 **FURTHER ENFORCEMENT ACTION**

13  
14 The California SDWA authorizes the Division to issue citations and compliance orders  
15 with assessment of administrative penalties to a public water system for violation or  
16 continued violation of the requirements of the California SDWA or any permit,  
17 regulation, permit or order issued or adopted thereunder including, but not limited to,  
18 failure to correct a violation identified in a citation or compliance order. The California  
19 SDWA also authorizes the Division to take action to suspend or revoke a permit that  
20 has been issued to a public water system if the system has violated applicable law or  
21 regulations or has failed to comply with an order of the Division; and to petition the  
22 superior court to take various enforcement measures against a public water system  
23 that has failed to comply with an order of the Division. The Division does not waive  
24 any further enforcement action by issuance of this compliance order.

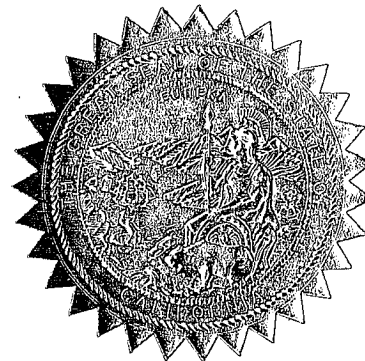
5/23/2016  
Date



Richard L. Hinrichs, P.E., Chief  
Northern California Section  
NORTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

**Attachments:**

- Attachment A: Applicable Authorities
- Attachment B: Public Notification Form
- Attachment C: Proof of Notification Form
- Attachment D: Quarterly Progress Report Form



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**Applicable Authorities**  
**Violation of Maximum Contaminant Levels of**  
**Disinfectant Byproducts**

California Health and Safety Code, Section 116655, states in relevant part:

(a) Whenever the department determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:

- (1) Directing compliance forthwith.
- (2) Directing compliance in accordance with a time schedule set by the State Board.
- (3) Directing that appropriate preventive action be taken in the case of a threatened violation.

(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:

- (1) That the existing plant, works, or system be repaired, altered, or added to.
- (2) That purification or treatment works be installed.
- (3) That the source of the water supply be changed.
- (4) That no additional service connection be made to the system.
- (5) That the water supply, the plant, or the system be monitored.
- (6) That a report on the condition and operation of the plant, works, system, or water supply be submitted to the department.

California Code of Regulations, Title 22, states in relevant part:

**§64533. Maximum Contaminant Levels for Disinfection Byproducts.**

(a) Using the monitoring and calculation methods specified in sections 64534, 64534.2, 64535, and 64535.2, the primary MCLs for the disinfection byproducts shown in table 64533-A shall not be exceeded in drinking water supplied to the public.

**Table 64533-A**  
**Maximum Contaminant Levels and Detection Limits for Purposes of Reporting**  
**Disinfection Byproducts**

Disinfection Byproduct	Maximum Contaminant Level (mg/L)	Detection Limit for Purposes of Reporting (mg/L)
Total trihalomethanes (TTHM)	0.080	
Bromodichloromethane		0.0010
Bromoform		0.0010
Chloroform		0.0010
Dibromochloromethane		0.0010
Disinfection Byproduct	Maximum Contaminant Level (mg/L)	Detection Limit for Purposes of Reporting (mg/L)

Haloacetic acids (five) (HAA5)	0.060	
Monochloroacetic Acid		0.0020
Dichloroacetic Acid		0.0010
Trichloroacetic Acid		0.0010
Monobromoacetic Acid		0.0010
Dibromoacetic Acid		0.0010
Bromate	0.010	0.0050 0.0010 <sup>1</sup>
Chlorite	1.0	0.020

<sup>1</sup> For analysis performed using EPA Method 317.0 Revision 2.0, 321.8, or 326.0

#### **§64534. General Monitoring Requirements.**

(a) Except as provided in subsection (b), analyses required pursuant to this chapter shall be performed by laboratories certified by the State Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless otherwise directed by the State Board, analyses shall be made in accordance with EPA approved methods as prescribed in 40 Code of Federal Regulations, part 141.131 (63 Fed. Reg. 69466 (December 16, 1998), as amended at 66 Fed. Reg. 3776 (January 16, 2001), 71 Fed. Reg. 479 (January 4, 2006), 71 Fed. Reg. 37168 (June 29, 2006), and 74 Fed. Reg. 30958 (June 29, 2009)), which are incorporated by reference.

(b) Sample collection, and field tests including pH, alkalinity, and chlorine, chloramines, and chlorine dioxide residual disinfectants, shall be performed by personnel trained to perform such sample collections and/or tests by:

- (1) The State Board;
- (2) A laboratory certified pursuant to subsection (a); or
- (3) An operator, certified by the State Board pursuant to section 106875(a) or (b) of the Health and Safety Code and trained by an entity in paragraph (1) or (2) to perform such sample collections and/or tests.

(c) Systems shall take all samples during normal operating conditions, which exclude those circumstances covered under section 64533.5(b).

(d) A system may apply to the State Board for approval to consider multiple wells drawing water from a single aquifer as one treatment plant for determining the minimum number of TTHM and HAA5 samples required under section 64534.2(a). In order to qualify for this reduction in monitoring requirements a system shall demonstrate to the State Board that the multiple wells produce water from the same aquifer. To make this demonstration, a system shall submit information to the State Board regarding the location, depth, construction, and geologic features of each well, and water quality information for each well. The State Board will use this information to determine whether the wells produce water from a single aquifer.

(e) Systems shall use only data collected under the provisions of this chapter to qualify for reduced monitoring pursuant to this article.

(f) Systems that fail to monitor shall be in violation of the monitoring requirements for the entire monitoring period that a monitoring result would be used in calculating compliance with

MCLs or MRDLs, and shall notify the public pursuant to sections 64463, 64463.7, and 64465, in addition to reporting to the State Board pursuant to sections 64537 through 64537.6.

(g) Systems that fail to monitor in accordance with the monitoring plan required by section 64534.8 shall be in violation of the monitoring requirements, and shall notify the public pursuant to sections 64463, 64463.7, and 64465, in addition to reporting to the State Board pursuant to sections 64537 through 64537.6.

**§64534.2. Disinfection Byproducts Monitoring.**

(a) Community and nontransient noncommunity water systems shall monitor for TTHM and HAA5 at the frequencies and locations indicated in table 64534.2-A.

**Table 64534.2-A**  
**Routine and Increased Monitoring Frequency for TTHM and HAA5**

<b>COLUMN A</b> <i>Type of System</i>	<b>COLUMN B</b> <i>Persons Served</i>	<b>COLUMN C</b> <i>Minimum monitoring frequency</i>	<b>COLUMN D</b> <i>Sample location in the distribution system &amp; increased monitoring frequencies</i>
Systems using approved surface water	≥10,000	Four samples per quarter per treatment plant	At least 25 percent of all samples collected each quarter at locations representing maximum residence time. Remaining samples taken at locations representative of at least average residence time in the distribution system and representing the entire distribution system, taking into account number of persons served, different sources of water, and different treatment methods <sup>1</sup> .
	500 - 9,999	One sample per quarter per treatment plant	Locations representing maximum residence time <sup>1</sup> .
	< 500	One sample per year per treatment plant during month of warmest water temperature	Locations representing maximum residence time <sup>1</sup> . If the sample (or average of annual samples, if more than one sample is taken) exceeds MCL, system shall increase monitoring to one sample per treatment plant per quarter, taken at a point reflecting the maximum residence time in the distribution system, until system meets reduced monitoring criteria in paragraph (3) of this subsection.



Systems using only ground water not under direct influence of surface water and using chemical disinfectant	≥10,000	One sample per quarter per treatment plant	Locations representing maximum residence time <sup>1</sup> .
	<10,000	One sample per year per treatment plant during month of warmest water temperature	Locations representing maximum residence time <sup>1</sup> . If the sample (or average of annual samples, if more than one sample is taken) exceeds MCL, system shall increase monitoring to one sample per treatment plant per quarter, taken at a point reflecting the maximum residence time in the distribution system, until system meets reduced monitoring criteria in paragraph (3) of this subsection.

<sup>1</sup> If a system elects to sample more frequently than the minimum required, at least 25 percent of all samples collected each quarter (including those taken in excess of the required frequency) shall be taken at locations that represent the maximum residence time of the water in the distribution system. The remaining samples shall be taken at locations representative of at least average residence time in the distribution system.

(1) Systems may apply to the State Board to monitor at a reduced frequency in accordance with table 64534.2-B. The application shall include the results of all TOC, TTHM, and HAA5 monitoring conducted in the previous 12 months and the proposed revised monitoring plan as required by section 64534.8. The State Board will evaluate data submitted with the application to determine whether or not the system is eligible for the reduced monitoring specified in table 64534.2-B;

**Table 64534.2-B**  
**Reduced Monitoring Frequency for TTHM and HAA5**

<i>If the system is a(n) ...</i>	<i>serving...</i>	<i>the system may reduce monitoring if it has monitored at least one year and...</i>	<i>to this level</i>
Approved surface water system which has a source water TOC <sup>1</sup> level, before	≥10,000	TTHM <sup>1</sup> ≤0.040 mg/L and HAA5 <sup>1</sup> ≤0.030 mg/L	One sample per treatment plant per quarter at distribution system location reflecting maximum residence time.

any treatment, ≤4.0 mg/L				
	500-9,999	TTHM <sup>1</sup> ≤0.040 mg/L and HAA5 <sup>1</sup> ≤0.030 mg/L		One sample per treatment plant per year at distribution system location reflecting maximum residence time during month of warmest water temperature.
System using only ground water not under direct influence of surface water and using chemical disinfectant	≥10,000	TTHM <sup>1</sup> ≤0.040 mg/L and HAA5 <sup>1</sup> ≤0.030 mg/L		One sample per treatment plant per year at distribution system location reflecting maximum residence time during month of warmest water temperature.
	<10,000	TTHM <sup>1</sup> ≤0.040 mg/L and HAA5 <sup>1</sup> ≤0.030 mg/L for two consecutive years OR TTHM <sup>1</sup> ≤0.020 mg/L and HAA5 <sup>1</sup> ≤0.015 mg/L for one year		One sample per treatment plant per three-year monitoring cycle at distribution system location reflecting maximum residence time during month of warmest water temperature, with the three-year cycle beginning on January 1 following the quarter in which system qualifies for reduced monitoring.
<sup>1</sup> TOC, TTHM, and HAA5 values based on annual averages.				

(2) Systems on reduced monitoring shall resume monitoring at the frequency specified in column C of table 64534.2-A in the quarter immediately following the quarter in which the system exceeds 0.060 mg/L for the TTHM annual average or 0.045 mg/L for the HAA5 annual average, or 4 mg/L for the source water TOC annual average. For systems using only ground water not under the direct influence of surface water and serving fewer than 10,000 persons or for systems using approved surface water and serving fewer than 500 persons, if either the TTHM annual average is >0.080 mg/L or the HAA5 annual average is >0.060 mg/L, the system shall go to increased monitoring identified in column D of table 64534.2-A in the quarter immediately following the quarter in which the system exceeds 0.080 mg/L or 0.060 mg/L for the TTHM and HAA5 annual averages, respectively; and

(3) Systems on increased monitoring pursuant to column D of table 64534.2-A may return to routine monitoring specified in column C of table 64534.2-A if, after at least one year of monitoring, TTHM annual average is ≤0.060 mg/L and HAA5 annual average is ≤0.045 mg/L.

(b) Community and nontransient noncommunity water systems using chlorine dioxide shall conduct monitoring for chlorite as follows:

(1) Systems shall take daily samples at the entrance to the distribution system and analyze the samples the same day the samples are taken. For any daily sample that exceeds the chlorite

MCL, the system shall take three additional chlorite distribution system samples the following day (in addition to the daily sample required at the entrance to the distribution system) at these locations: as close to the first customer as possible, at a location representative of average residence time, and at a location reflecting maximum residence time in the distribution system. The system shall analyze the additional samples within 48 hours of being notified pursuant to section 64537(b) of the exceedance;

(2) Systems shall take a three-sample set each month in the distribution system. The system shall take one sample at each of the following locations: as close to the first customer as possible, at a location representative of average residence time, and at a location reflecting maximum residence time in the distribution system. Any additional routine sampling shall be conducted in the same manner (as three-sample sets, at the specified locations). The system may use the results of additional monitoring conducted under paragraph (1) to meet the monitoring requirement in this paragraph;

(3) Systems may apply to the State Board to reduce monthly chlorite monitoring in the distribution system pursuant to paragraph (2) to one three-sample set per quarter after one year of monitoring during which no individual chlorite sample taken in the distribution system has exceeded the chlorite MCL and the system has not been required to conduct additional monitoring under paragraph (1). The application shall include the results of all chlorite monitoring conducted in the previous 12 months and the proposed revised monitoring plan as required by section 64534.8. The State Board will evaluate data submitted with the application and determine whether or not the system is eligible to reduce monitoring to one three-sample set per quarter. The system may remain on the reduced monitoring schedule until either any of the three individual chlorite samples taken quarterly in the distribution system under paragraph (2) exceeds the chlorite MCL or the system is required to conduct additional monitoring under paragraph (1), at which time the system shall revert to routine monitoring; and

(4) If a distribution system sample taken pursuant to paragraph (2) exceeds the chlorite MCL, the system shall take and analyze a confirmation sample within 48 hours of being notified pursuant to section 64537(c) of the exceedance. If the system fails to take a confirmation sample pursuant to this paragraph, it shall take and analyze a confirmation sample within two weeks of notification of the results of the first sample.

(c) Community and nontransient noncommunity systems using ozone shall monitor for bromate as follows:

(1) Systems shall take one sample per month for each treatment plant in the system using ozone. Samples shall be taken at the entrance to the distribution system while the ozonation system is operating under normal conditions;

(2) Systems may reduce bromate monitoring from monthly to once per quarter, if the system's running annual average bromate concentration is  $\leq 0.0025$  mg/L based on monthly bromate measurements under paragraph (1) for the most recent four quarters, with samples analyzed using Method 317.0 Revision 2.0, 321.8, or 326.0. The system shall notify the State Board in writing within 30 days of the change in monitoring frequency. The system shall continue monthly bromide monitoring of the source water to remain on reduced bromate monitoring; and

(3) Systems shall resume routine bromate monitoring pursuant to paragraph (1) and notify the State Board in writing within 30 days of the change in monitoring frequency if:

(A) The running annual average bromate concentration, computed quarterly, is greater than 0.0025 mg/L; or

(B) The running annual average source water bromide concentration, computed quarterly, is equal to or greater than 0.05 mg/L based upon representative monthly measurements.

(d) By the applicable date specified in section 64530(d), and in lieu of TTHM and HAA5 monitoring in subsection (a):

(1) Community and nontransient noncommunity water systems shall monitor for TTHM and HAA5 at the frequencies and location totals indicated in table 64534.2-C and in accordance with the monitoring plan developed pursuant to section 64534.8;

**Table 64534.2-C**  
**Routine Monitoring Frequency for TTHM and HAA5**

		<i>Minimum monitoring frequency<sup>1</sup></i>	
<i>Source water type</i>	<i>Persons served</i>	<i>Number of distribution system monitoring locations</i>	<i>Monitoring period<sup>2</sup></i>
Systems using approved surface water	≥5,000,000	20 dual sample sets	per quarter
	1,000,000 – 4,999,999	16 dual sample sets	per quarter
	250,000 – 999,999	12 dual sample sets	per quarter
	50,000 – 249,999	8 dual sample sets	per quarter
	10,000 – 49,999	4 dual sample sets	per quarter
	3,301 – 9,999	2 dual sample sets	per quarter
	500 – 3,300	1 TTHM and 1 HAA5 sample: one at the location with the highest TTHM measurement, one at the location with the highest HAA5 measurement	per quarter
	<500	1 TTHM and 1 HAA5 sample: one at the location with the highest TTHM measurement, one at the location with the highest HAA5 measurement <sup>3</sup>	per year
Systems using ground water not under direct influence of surface water	≥500,000	8 dual sample sets	per quarter
	100,000 – 499,999	6 dual sample sets	per quarter
	10,000 – 99,999	4 dual sample sets	per quarter

		500 – 9,999	2 dual sample sets	per year
		<500	1 TTHM and 1 HAA5 sample: one at the location with the highest TTHM measurement, one at the location with the highest HAA5 measurement <sup>3</sup>	per year

<sup>1</sup> All systems shall monitor during the month of highest disinfection byproduct concentrations.

<sup>2</sup> Systems on quarterly monitoring shall take dual sample sets every 90 days at each monitoring location, except for systems using approved surface water and serving 500 – 3,300 persons.

<sup>3</sup> Only one location with a dual sample set per monitoring period is needed if highest TTHM and HAA5 concentrations occur at the same location and month.

(2) Undisinfected systems that begin using a disinfectant other than UV light after the applicable dates in 40 Code of Federal Regulations, part 141.600 (71 Fed. Reg. 388, January 4, 2006), which is incorporated by reference, shall consult with the State Board to identify compliance monitoring locations for this subsection. Systems shall then develop a monitoring plan in accordance with section 64534.8 that includes those monitoring locations;

(3) Systems may apply to the State Board to monitor at a reduced frequency in accordance with table 64534.2-D, any time the LRAA is  $\leq 0.040$  mg/L for TTHM and  $\leq 0.030$  mg/L for HAA5 at all monitoring locations. In addition, the source water annual average TOC level, before any treatment shall be  $\leq 4.0$  mg/L at each treatment plant treating approved surface water, based on source water TOC monitoring conducted pursuant to section 64534.6. The application shall include the results of all TOC, TTHM, and HAA5 monitoring conducted in the previous 12 months and the proposed revised monitoring plan as required by section 64534.8. The State Board will evaluate data submitted with the application to determine whether or not the system is eligible for the reduced monitoring specified in table 64534.2-D;

**Table 64534.2-D**  
**Reduced Monitoring Frequency for TTHM and HAA5**

		<i>Minimum monitoring frequency</i>	
<i>Source water type</i>	<i>Persons served</i>	<i>Number of distribution system monitoring locations</i>	<i>Monitoring period<sup>1</sup></i>
Systems using approved surface water	$\geq 5,000,000$	10 dual sample sets: at the locations with the five highest TTHM and five highest HAA5 LRAAs	per quarter
	1,000,000 – 4,999,999	8 dual sample sets: at the locations with the	per quarter

		four highest TTHM and four highest HAA5 LRAAs	
	250,000 – 999,999	6 dual sample sets: at the locations with the three highest TTHM and three highest HAA5 LRAAs	per quarter
	50,000 – 249,999	4 dual sample sets: at the locations with the two highest TTHM and two highest HAA5 LRAAs	per quarter
	10,000 – 49,999	2 dual sample sets: at the locations with the highest TTHM and highest HAA5 LRAAs	per quarter
	3,301 – 9,999	2 dual sample sets: one at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement	per year
	500 – 3,300	1 TTHM and 1 HAA5 sample: one at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement; 1 dual sample set per year if the highest TTHM and HAA5 measurements occurred at the same location and quarter	per year

Systems using only ground water not under direct influence of surface water	≥500,000	4 dual sample sets: at the locations with the two highest TTHM and two highest HAA5 LRAAs	per quarter
	100,000 – 499,999	2 dual sample sets: at the locations with the highest TTHM and highest HAA5 LRAAs	per quarter
	10,000 – 99,999	2 dual sample sets: one at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement	per year
	500 – 9,999	1 TTHM and 1 HAA5 sample: one at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement; 1 dual sample set per year if the highest TTHM and HAA5 measurements occurred at the same location and quarter	per year
	<500	1 TTHM and 1 HAA5 sample: one at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement; 1 dual sample set every third year	every third year

			if the highest TTHM and HAA5 measurements occurred at the same location and quarter		

<sup>1</sup> Systems on quarterly monitoring shall take dual sample sets every 90 days.

(4) Systems on reduced monitoring shall resume routine monitoring pursuant to table 64534.2-C or conduct increased monitoring pursuant to paragraph (5) (if applicable), if the TTHM LRAA is >0.040 mg/L or the HAA5 LRAA is >0.030 mg/L at any monitoring location (for systems with quarterly reduced monitoring); a TTHM sample is >0.060 mg/L or a HAA5 sample is >0.045 mg/L (for systems with annual or less frequent monitoring); or the source water annual average TOC level, before any treatment, is >4.0 mg/L at any treatment plant treating an approved surface water;

(5) Systems that are required to monitor at a particular location annually or less frequently than annually pursuant to table 64534.2-C or 64534.2-D shall increase monitoring to dual sample sets once per quarter (taken every 90 days) at all locations if a TTHM sample is >0.080 mg/L or a HAA5 sample is >0.060 mg/L at any location. Systems on increased monitoring may return to routine monitoring specified in table 64534.2-C if, after at least four consecutive quarters of monitoring, the LRAA for every monitoring location is ≤0.060 mg/L for TTHM and ≤0.045 mg/L for HAA5;

(6) If the operational evaluation level (OEL) exceeds 0.080 mg/L for TTHM or 0.060 mg/L for HAA5 at any monitoring location, systems shall conduct an operational evaluation. The operational evaluation shall include the examination of system treatment and distribution operational practices, including storage tank operations, excess storage capacity, distribution system flushing, changes in sources or source water quality, and treatment changes or problems that may contribute to TTHM and HAA5 formation and what steps could be considered to minimize future exceedances. Systems that are able to identify the cause of the OEL exceedance may submit a written request to the State Board to limit the scope of the evaluation. The request to limit the scope of the evaluation shall not extend the schedule in section 64537(c) for submitting the written report to the State Board;

(7) Systems on reduced monitoring pursuant to table 64534.2-B may remain on reduced monitoring after the applicable date in table 64530-A for compliance with this subsection provided the system meets IDSE requirements under section 64530(c) by qualifying for a 40/30 certification (40 CFR part 141.603) or receiving a very small system waiver (40 CFR part 141.604), meets the reduced monitoring criteria in paragraphs (3) and (4), and does not change or add monitoring locations from those used for compliance monitoring under subsection (a); and

(8) Systems on increased monitoring pursuant to table 64534.2-A shall remain on increased monitoring and conduct increased monitoring pursuant to paragraph (5) at the locations in the monitoring plan developed under section 64534.8 beginning at the applicable date in table 64530-A for compliance with this subsection. Systems on increased monitoring may return to routine monitoring specified in table 64534.2-C pursuant to paragraph (5).

#### ***Article 4. Compliance requirements***

##### **§64535. General Requirements for Determining Compliance.**

(a) All samples taken and analyzed in accordance with section 64534.8 shall be included in determining compliance, pursuant to sections 64535.2, 64535.4, and 64536.4.



(b) For violations of the MCLs in section 64533 or MRDLs in section 64533.5 that may pose an acute risk to human health, notification shall be pursuant to sections 64463, 64463.1, and 64465.

**§64535.2. Determining Disinfection Byproducts Compliance.**

(a) During the first year of monitoring for disinfection byproducts under sections 64534.2(a), (b), and (c), the system shall comply with paragraphs (1) through (3). During the first year of monitoring for TTHM and HAA5 under section 64534.2(d), the system shall comply with paragraphs (1) through (3) at each monitoring location:

(1) The average of the first quarter's results shall not exceed four times the MCLs specified in section 64533.

(2) The average of the first and second quarter's results shall not exceed two times the MCLs specified in section 64533.

(3) The average of the first, second, and third quarter's results shall not exceed 1.33 times the MCLs specified in section 64533.

(b) TTHM and HAA5 MCL compliance, as monitored pursuant to section 64534.2(a), shall be determined as follows:

(1) For systems monitoring quarterly, the running annual arithmetic average, computed quarterly, of quarterly arithmetic averages of all samples collected pursuant to section 64534.2(a) shall not exceed the MCLs specified in section 64533;

(2) For systems monitoring less frequently than quarterly, the average of samples collected that calendar year pursuant to section 64534.2(a) shall not exceed the MCLs specified in section 64533. If the average of the samples collected under section 64534.2(a) exceeds the MCL, the system shall increase monitoring to once per quarter per treatment plant. Compliance with the MCL shall then be determined by the average of the sample that triggered the quarterly monitoring and the following three quarters of monitoring, unless the result of fewer than four quarters of monitoring will cause the running annual average to exceed the MCL, in which case the system is in violation immediately. After monitoring quarterly for four consecutive quarters (including the quarter that triggered the quarterly monitoring), and until such time as monitoring returns to routine monitoring pursuant to section 64534.2(a)(3), compliance shall be determined pursuant to paragraph (1);

(3) If the running annual arithmetic average of quarterly averages covering any consecutive four-quarter period exceeds the MCL, the system is in violation of the MCL and shall notify the public pursuant to sections 64463, 64463.4, and 64465, including language in appendix 64465-G, in addition to reporting to the State Board pursuant to sections 64537 through 64537.6; and

(4) If a public water system fails to complete four consecutive quarters of monitoring, compliance with the MCL for the last four-quarter compliance period shall be based on an average of the available data.

(c) Compliance for bromate shall be based on a running annual arithmetic average, computed quarterly, of monthly samples (or, for months in which the system takes more than one sample, the average of all samples taken during the month) collected by the system as prescribed by section 64534.2(c). If the average of samples covering any consecutive four-quarter period exceeds the MCL, the system is in violation of the MCL and shall notify the public pursuant to sections 64463, 64463.4, and 64465, including language in appendix 64465-G, in addition to reporting to the State Board pursuant to sections 64537 through 64537.6. If a public water system fails to complete 12 consecutive months of monitoring, compliance with the MCL for the last four-quarter compliance period shall be based on an average of the available data.

(d) Compliance for chlorite shall be based on the results of samples collected by the system pursuant to sections 64534.2(b).

(1) If any daily sample taken at the entrance to the distribution system exceeds the chlorite MCL and one (or more) of the three samples taken in the distribution system pursuant to section 64534.2(b)(1) exceeds the chlorite MCL, the system is in violation of the MCL and shall take immediate corrective action to reduce the concentration of chlorite to a level below the MCL.

The system shall notify the State Board within 48 hours of the determination and notify the public pursuant to the procedures for acute health risks in sections 64463, 64463.1, and 64465, including language in appendix 64465-G, in addition to reporting to the State Board pursuant to sections 64537 through 64537.6. Failure to take samples in the distribution system the day following an exceedance of the chlorite MCL at the entrance to the distribution system is also an MCL violation and the system shall notify and report as described in this paragraph;

(2) If the average of an individual sample from the three-sample set taken pursuant to 64534.2(b)(2) and its confirmation sample taken pursuant to section 64634.2(b)(4) exceeds the chlorite MCL, the system is in violation of the MCL and shall take the corrective action and notify and report as described in paragraph (1). If the average of the individual sample and its confirmation does not exceed the MCL, the system shall inform the State Board of the results within seven days from receipt of the original analysis. Failure to take a confirmation sample pursuant to section 64534.2(b)(4) is also an MCL violation and the system shall notify and report as described in paragraph (1); and

(3) If any two consecutive daily samples taken at the entrance to the distribution system exceed the chlorite MCL and all distribution system samples taken pursuant to 64534.2(b)(1) are less than or equal to the chlorite MCL, the system is in violation of the MCL and shall take corrective action to reduce the concentration of chlorite to a level below the MCL at the point of sampling. The system shall notify the public pursuant to the procedures for nonacute health risks in sections 64463, 64463.4, and 64465, including the language in appendix 64465-G, in addition to reporting to the State Board pursuant to sections 64537 through 64537.6. Failure to monitor at the entrance to the distribution system the day following an exceedance of the chlorite MCL at the entrance to the distribution system is also an MCL violation and the system shall notify and report as described in this paragraph.

(e) TTHM and HAA5 MCL compliance, as monitored pursuant to section 64534.2(d), shall be determined as follows:

(1) For systems monitoring quarterly, each locational running annual average (LRAA), computed quarterly, shall not exceed the MCLs specified in section 64533;

(2) For systems monitoring annually or less frequently, each sample collected shall not exceed the MCLs specified in section 64533. If no sample exceeds the MCL, the sample result for each monitoring location shall be considered the LRAA for the monitoring location. If any sample exceeds the MCL, systems shall increase monitoring pursuant to section 64534.2(d)(5).

Compliance with the MCL shall then be determined by the average of the sample that triggered the quarterly monitoring and the following three quarters of monitoring, unless the result of fewer than four quarters of monitoring will cause the LRAA to exceed the MCL, in which case the system is in violation immediately. After monitoring quarterly for four consecutive quarters (including the quarter that triggered the quarterly monitoring), and until such time as monitoring returns to routine monitoring pursuant to section 64534.2(d)(5), compliance shall be determined pursuant to paragraph (1);

(3) If a system fails to complete four consecutive quarters of monitoring, compliance with the MCL for the last four-quarter compliance period shall be based on an average of the available data. If more than one sample per quarter is taken at a monitoring location, all the samples taken in the quarter at that monitoring location shall be averaged to determine a quarterly average to be used in the LRAA calculation; and

(4) If the LRAA exceeds the MCL, calculated based on four consecutive quarters of monitoring (or the LRAA calculated based on fewer than four quarters of data if the MCL would be exceeded regardless of the monitoring results of subsequent quarters), the system is in violation of the MCL and shall notify the public pursuant to sections 64463, 64463.4, and 64465, including the language in appendix 64465-G, in addition to reporting to the State Board pursuant to sections 64537 through 64537.6.

#### **§64463.4. Tier 2 Public Notice**

(a) A water system shall give public notice pursuant to this section if any of the following occurs:

- (1) Any violation of the MCL, MRDL, and treatment technique requirements, except:
  - (A) Where a Tier 1 public notice is required under section 64463.1; or
  - (B) Where the State Board determines that a Tier 1 public notice is required, based on potential health impacts and persistence of the violations;
- (2) All violations of the monitoring and testing procedure requirements in sections 64421 through 64426.1, article 3 (Primary Standards – Bacteriological Quality), for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations;
- (3) Other violations of the monitoring and testing procedure requirements in this chapter, and chapters 15.5, 17 and 17.5, for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations; or
- (4) Failure to comply with the terms and conditions of any variance or exemption in place.

(b) A water system shall give the notice as soon as possible within 30 days after it learns of a violation or occurrence specified in subsection (a), except that the water system may request an extension of up to 60 days for providing the notice. This extension would be subject to the State Board's written approval based on the violation or occurrence having been resolved and the State Board's determination that public health and welfare would in no way be adversely affected. In addition, the water system shall:

- (1) Maintain posted notices in place for as long as the violation or occurrence continues, but in no case less than seven days;
- (2) Repeat the notice every three months as long as the violation or occurrence continues. Subject to the State Board's written approval based on its determination that public health would in no way be adversely affected, the water system may be allowed to notice less frequently but in no case less than once per year. No allowance for reduced frequency of notice shall be given in the case of a total coliform MCL violation or violation of a Chapter 17 treatment technique requirement; and
- (3) For turbidity violations pursuant to sections 64652.5(c)(2) and 64653(c), (d) and (f), as applicable, a water system shall consult with the State Board as soon as possible within 24

hours after the water system learns of the violation to determine whether a Tier 1 public notice is required. If consultation does not take place within 24 hours, the water system shall give Tier 1 public notice within 48 hours after learning of the violation.

(c) A water system shall deliver the notice, in a manner designed to reach persons served, within the required time period as follows:

(1) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, community water systems shall give public notice by:

(A) Mail or direct delivery to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system; and

(B) Use of one or more of the following methods to reach persons not likely to be reached by a mailing or direct delivery (renters, university students, nursing home patients, prison inmates, etc.):

1. Publication in a local newspaper;

2. Posting in conspicuous public places served by the water system, or on the Internet; or

3. Delivery to community organizations.

(2) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, noncommunity water systems shall give the public notice by:

(A) Posting in conspicuous locations throughout the area served by the water system; and

(B) Using one or more of the following methods to reach persons not likely to be reached by a public posting:

1. Publication in a local newspaper or newsletter distributed to customers;

2. E-mail message to employees or students;

3. Posting on the Internet or intranet; or

4. Direct delivery to each customer.

#### **§64469 Reporting Requirements**

(d) Within 10 days of giving initial or repeat public notice pursuant to Article 18 of this Chapter, except for notice given under 64463.7(d), each water system shall submit a certification to the State Board that it has done so, along with a representative copy of each type of public notice given.

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

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**First Mace Meadows #1 has levels of Disinfection Byproducts Above Drinking Water Standards**

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Our water system recently failed a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results we received on \_\_\_\_\_ show that our system exceeds the standard, or maximum contaminant level (MCL), for Total Trihalomethanes and/or Haloacetic Acids (Five). The MCL standards for Total Trihalomethanes and Haloacetic Acids (Five) are 80 ug/L and 60 ug/L, respectively. The average level of Total Trihalomethanes over the last year was \_\_\_\_\_. The average level of Haloacetic Acids (Five) over the last year was \_\_\_\_\_.

**What should I do?**

- **You do not need to use an alternative (e.g., bottled) water supply.**
  - This is not an immediate risk. If it had been, you would have been notified immediately. However, *Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer*
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

**What happened? What was done?**

[Describe corrective action] \_\_\_\_\_  
 \_\_\_\_\_

We anticipate resolving the problem within \_\_\_\_\_.

For more information, please contact [Water System Contact Name] \_\_\_\_\_ at [phone number] \_\_\_\_\_ or at the following \_\_\_\_\_ mailing address: \_\_\_\_\_.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

**Secondary Notification Requirements**

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

**This notice is being sent to you by the First Mace Meadows #1 water system.**

State Water System ID#: **0310011**

Date distributed: \_\_\_\_\_.

**Certification of Completion of Public Notification**

This form, when completed and returned to the Division of Drinking Water - Stockton District (31 E. Channel Street, Room 270, Stockton, CA 95202), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463-64465.

**Public Water System Name:** \_\_\_\_\_

**Public Water System No.:** \_\_\_\_\_

Public notification for **failure to comply with the TTHM MCL and/or HAA5 MCL for the**       quarter  
**of 20** \_\_\_\_\_ was performed by the following method(s) (check and complete those that apply):

The notice was mailed to users on: \_\_\_\_\_

A copy of the notice is attached.

The notice was hand delivered to water customers on: \_\_\_\_\_

A copy of the notice is attached.

The notice was published in the local newspaper on: \_\_\_\_\_

A copy of the newspaper notice is attached.

The notice was published in conspicuous places on: \_\_\_\_\_

A copy of the notice is attached.

A list of locations the notice was posted is attached.

The notice was delivered to community organizations on: \_\_\_\_\_

A copy of the notice is attached.

A list of community organizations the notice was delivered to is attached.

I hereby certify that the above information is factual.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Disclosure:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation each day that the violation continues. In addition, the violators may be prosecuted in criminal court and, upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Due to the Division of Drinking Water within 10 days of issuance of notice to customers

System Number: \_\_\_\_\_

Enforcement Action No. \_\_\_\_\_

# Quarterly Progress Report

Water System:	Water System No.:
Compliance Order No.:	Violation:
Calendar Quarter:	Date Prepared:

This form should be prepared and signed by Water System personnel with appropriate authority to implement the directives of the Compliance Order and the Corrective Action Plan. Please attach additional sheets as necessary. The quarterly progress report must be submitted by the 10th day of each subsequent quarter, to the Division of Drinking Water, Stockton District Office.

**Summary of Compliance Plan:**

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**Tasks completed in the reporting quarter:**

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**Tasks remaining to complete:**

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**Anticipated compliance date:**

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**Name**

--

**Signature**

--

**Title**

--

**Date**